

Niche

Comparison

Economics	Ecology	Supplemental
Job	Niche	Ecological / Realised
Skills	Adaptation	Physical / Behavioural / Physiological
"comfort zone"	Tolerance	Stress Limits

Niche definition

a. The function or position of an organism or population within an ecological community.

b. The particular area within a habitat occupied by an organism.

Ecological Niche

The status of an organism within its environment and community (affecting its survival as a species)

Realised Niche

This term defines the multi-dimensional space of resources (i.e., light, nutrients, structure, etc.) available to (and specifically used by) organisms.

Adaptations

An alteration or adjustment in structure, function or habits, often hereditary, by which a species or individual improves its condition in relationship to its environment.

Tolerance

The levels of stress an organism can endure

What causes an organism to be under stress?

Abiotic

Abiotic factors are essentially non-living components that effect the living organisms of the freshwater community.

Biotic Factors

A factor created by a living thing or any living component within an environment in which the action of the organism affects the life of another organism, for example a predator consuming its prey.

What are the effects of stress?



Loss of reproduction



Loss of Growth



Death